

BEST AVAILABLE COPY

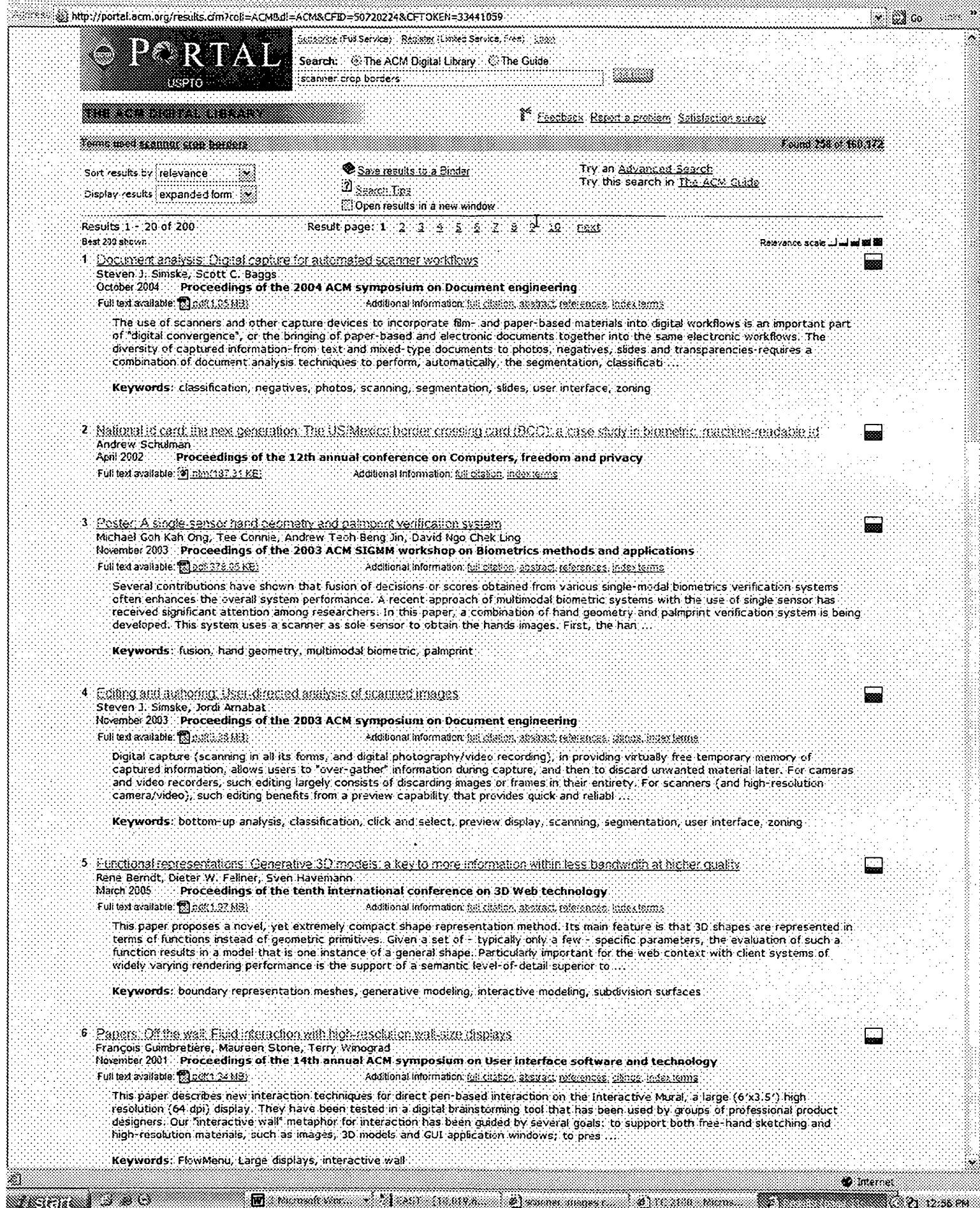
Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	217	(382/295).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 13:24
S2	2	S1 and ((remove or removed or removing or removal or elimat\$ or delete or deleted or deleting or deletion) near3 (border or margin))	US-PGPUB; USPAT	OR	ON	2005/08/13 13:31
S3	2	S1 and (common near2 area)	US-PGPUB; USPAT	OR	ON	2005/08/13 13:31
S4	1	(common near2 area) and ((remove or removed or removing or removal or elimat\$ or delete or deleted or deleting or deletion) near3 (border or margin)) and scanner	US-PGPUB; USPAT	OR	ON	2005/08/13 13:32
S5	17	(common near2 area) and ((remove or removed or removing or removal or elimat\$ or delete or deleted or deleting or deletion) near3 (border or margin))	US-PGPUB; USPAT	OR	ON	2005/08/13 14:51
S6	39	"comic book" and scanner	US-PGPUB; USPAT	OR	ON	2005/08/13 13:34
S7	8	S6 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 13:46
S8	0	crossgen.as.	US-PGPUB; USPAT	OR	ON	2005/08/13 13:38
S9	48	marvel.as.	US-PGPUB; USPAT	OR	ON	2005/08/13 13:38
S10	0	S9 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/14 10:54
S11	0	S9 and scanner	US-PGPUB; USPAT	OR	ON	2005/08/13 13:39
S13	2	S9 and image	US-PGPUB; USPAT	OR	ON	2005/08/13 13:39
S14	4	"2264566"	US-PGPUB; USPAT	OR	ON	2005/08/13 13:53
S15	0	"2264566"	JPO	OR	ON	2005/08/13 13:53
S16	0	"2264566"	JPO	OR	ON	2005/08/13 13:55
S17	0	(kobegawa and minoru).in.	US-PGPUB; USPAT	OR	ON	2005/08/13 13:54
S18	0	"264566"	JPO	OR	ON	2005/08/13 13:55
S19	5608	(scanner or (scan\$ near2 document)) and offset and overlap	US-PGPUB; USPAT	OR	ON	2005/08/13 14:52
S20	971	S19 and (detect\$ near2 edge)	US-PGPUB; USPAT	OR	ON	2005/08/13 14:14

S21	4	S20 and "715"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/13 14:15
S22	1	"5970183".ph.	US-PGPUB; USPAT	OR	ON	2005/08/13 14:26
S23	599	(715/517).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 14:26
S24	1	S23 and (border near2 (remov\$ or eliminat\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 14:28
S25	79	(715/521).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 14:28
S26	1	S25 and (border near2 (remov\$ or eliminat\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 16:10
S27	19	S25 and scanner	US-PGPUB; USPAT	OR	ON	2005/08/13 14:49
S28	0	S25 and (margin near2 (remov\$ or eliminat\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 14:43
S29	5	S23 and (margin near2 (remov\$ or eliminat\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 14:43
S30	167	S23 and scanner	US-PGPUB; USPAT	OR	ON	2005/08/13 14:49
S31	290	(382/293).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 14:51
S32	5	S31 and (scanner or (scan\$ near2 (document or page))) and offset and overlap	US-PGPUB; USPAT	OR	ON	2005/08/13 14:55
S33	537	(382/294).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 14:55
S34	36	S33 and (scanner or (scan\$ near2 (document or page))) and offset and overlap\$	US-PGPUB; USPAT	OR	ON	2005/08/13 15:02
S35	262	(382/289).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 15:02
S36	14	S35 and (scanner or (scan\$ near2 (document or page))) and offset and overlap\$	US-PGPUB; USPAT	OR	ON	2005/08/13 15:10
S37	73	(382/290).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 15:10
S38	3	S37 and (scanner or (scan\$ near2 (document or page))) and offset and overlap\$	US-PGPUB; USPAT	OR	ON	2005/08/13 15:12
S39	352	(382/286).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 15:12
S40	7	S39 and (scanner or (scan\$ near2 (document or page))) and offset and overlap\$	US-PGPUB; USPAT	OR	ON	2005/08/13 15:14

S41	422	(382/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/13 15:14
S42	22	S41 and (scanner or (scan\$ near2 (document or page))) and offset and overlap\$	US-PGPUB; USPAT	OR	ON	2005/08/13 15:20
S43	1649	(scanner or (scan\$ near2 (document or page))) and offset and (overlap\$ near2 (area or region))	US-PGPUB; USPAT	OR	ON	2005/08/13 15:29
S44	296	S43 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 15:22
S45	28	S44 and (((plurality or multiple) near3 (document or page)) same (scan or scanned or scanning or scanner))	US-PGPUB; USPAT	OR	ON	2005/08/13 15:23
S46	36	(scanner or (scan\$ near2 (document or page))) and ((common near2 (area or portion or region)) with ((multiple or plurality) near2 image))	US-PGPUB; USPAT	OR	ON	2005/08/13 15:47
S47	9	(scan\$ with ((multiple or plurality) near2 (document or page))) and ((common near2 (area or portion or region)) with image)	US-PGPUB; USPAT	OR	ON	2005/08/13 15:43
S48	101	(scanner or (scan\$ near2 (document or page))) and ((overlap\$ near2 (area or portion or region)) with ((multiple or plurality) near2 image))	US-PGPUB; USPAT	OR	ON	2005/08/14 10:52
S49	58	S48 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 15:48
S50	1	"20050089229".pn.	US-PGPUB; USPAT	OR	ON	2005/08/13 15:56
S51	1	"6836568".pn.	US-PGPUB; USPAT	OR	ON	2005/08/13 15:57
S52	63	determin\$ with image with ((most or largest or highest) near3 edges)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:18
S53	39	S52 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:11
S54	146	image with (border near2 (remov\$ or eliminat\$ or delet\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 16:17
S55	48	S54 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:17
S56	594	image with (black near2 (remov\$ or eliminat\$ or delet\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 16:28
S57	133	S56 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:28

S58	2	S57 and ((most or largest or highest) near3 edges)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:20
S59	32	S57 and overlaps	US-PGPUB; USPAT	OR	ON	2005/08/13 16:20
S60	61	image with (margin near2 (remov\$ or eliminat\$ or delet\$))	US-PGPUB; USPAT	OR	ON	2005/08/13 16:28
S61	14	S60 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/13 16:29
S62	4	("6456732").URPN.	USPAT	OR	ON	2005/08/13 16:31
S63	29	("3618032" "4047811" "4593989" "4907033" "5020115" "5053885" "5191429" "5212568" "5220649" "5260805" "5280367" "5438430" "5483606" "5546474" "5557728" "5596655" "5623681" "5713070" "5784487" "5838836" "5880858" "5943679" "5960448" "5974199" "5978519" "6011635" "6043823" "6240204" "6389434").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/13 16:31
S64	12	("5483606").URPN.	USPAT	OR	ON	2005/08/13 16:47
S65	11	("3872433" "4635293" "4672462" "5054098" "5073957" "5086346" "5086482" "5129014" "5223939" "5271065" "5285504").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/14 10:48
S66	204	((scanner or scan\$) with ((plurality or multiple) near2 (document or page or image))) and ((common or standard) near3 (area or margin))	US-PGPUB; USPAT	OR	ON	2005/08/14 10:54
S67	60	S66 and ("715"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/14 10:54
S68	10	black with (border near2 remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 12:48
S69	0	(scanned near2 (image or document or page)) with (border near2 remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 12:49
S70	0	(scanned near4 (image or document or page)) with (border near2 remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 12:49
S71	0	(scanner near4 (image or document or page)) with (border near2 remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 12:49

S72	1	(scan\$ near4 (image or document or page)) with (border near2 remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 13:04
S73	7	(scan\$ near4 (image or document or page)) and (((noisy or noise) near2 border) with remov\$)	US-PGPUB; USPAT	OR	ON	2005/08/14 13:06





Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Discuss

Windows ...

http://portal.acm.org/results.cfm?coll=ACM&di=ACM&CID=50720224&CFTOKEN=33441059

"



Information Full Service | Research Limited Service Free

Search: The ACM Digital Library The Guide

scanner crop borders common area

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Found 42,817 of 481,172

Terms used: scanner crop borders common area

Sort results by: relevance

 Save results to a Binder

Try an Advanced Search

Display results: expanded form

 Search tipsTry this search in [The ACM Guide](#) Open results in a new window

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Relevance scale:

Best 230 shown.

1 Document analysis: Digital capture for automated scanner workflows

Steven J. Simsek, Scott C. Baggs

October 2004 **Proceedings of the 2004 ACM symposium on Document engineering**Full text available: [PDF \(21.05 MB\)](#)

Additional information: full citation abstract references index terms

The use of scanners and other capture devices to incorporate film- and paper-based materials into digital workflows is an important part of "digital convergence", or the bringing of paper-based and electronic documents together into the same electronic workflows. The diversity of captured information—from text and mixed-type documents to photos, negatives, slides and transparencies—requires a combination of document analysis techniques to perform, automatically, the segmentation, classification ...

Keywords: classification, negatives, photos, scanning, segmentation, slides, user interface, zoning

2 National id card: the next generation: The US/Mexico border crossing card (BCC): a case study in biometric, machine-readable id

Andrew Schulman

April 2002 **Proceedings of the 12th annual conference on Computers, freedom and privacy**Full text available: [PDF \(187.31 KB\)](#)

Additional information: full citation abstract references index terms

3 Papers: On the wall: Fluid interaction with high-resolution wall-size displays

Francois Guimbretiere, Maureen Stone, Terry Winograd

November 2001 **Proceedings of the 14th annual ACM symposium on User interface software and technology**Full text available: [PDF \(24 MB\)](#)

Additional information: full citation abstract references index terms

This paper describes new interaction techniques for direct pen-based interaction on the Interactive Mural, a large (6'x3.5') high resolution (64 dpi) display. They have been tested in a digital brainstorming tool that has been used by groups of professional product designers. Our "interactive wall" metaphor for interaction has been guided by several goals: to support both free-hand sketching and high-resolution materials, such as images, 3D models and GUI application windows; to pres ...

Keywords: FlowMenu, Large displays, interactive wall

4 Editing and authoring: User-directed analysis of scanned images

Steven J. Simsek, Jordi Arnabat

November 2003 **Proceedings of the 2003 ACM symposium on Document engineering**Full text available: [PDF \(25.63 MB\)](#)

Additional information: full citation abstract references index terms

Digital capture (scanning in all its forms, and digital photography/video recording); in providing virtually free temporary memory of captured information, allows users to "over-gather" information during capture, and then to discard unwanted material later. For cameras and video recorders, such editing largely consists of discarding images or frames in their entirety. For scanners (and high-resolution camera/video), such editing benefits from a preview capability that provides quick and reliabl ...

Keywords: bottom-up analysis, classification, click and select, preview display, scanning, segmentation, user interface, zoning

5 Visual perception and communication: Image fusion for context enhancement and video surrealism

Ramesh Raskar, Adrian Ilie, Jingyi Yu

June 2004 **Proceedings of the 3rd international symposium on Non-photorealistic animation and rendering**Full text available: [PDF \(1.04 MB\)](#)

Additional information: full citation abstract references index terms

We present a class of image fusion techniques to automatically combine images of a scene captured under different illumination. Beyond providing digital tools for artists for creating surrealist images and videos, the methods can also be used for practical applications. For example, the non-realistic appearance can be used to enhance the context of nighttime traffic videos so that they are easier to understand. The context is automatically captured from a fixed camera and inserted from a day-tim ...

Keywords: gradient domain approach, image fusion, surrealism

6 Geographic Data Processing

George Nagy, Sharad Wagle

June 1979 **ACM Computing Surveys (CSUR)**, Volume 11 Issue 2Full text available: [PDF \(2.29 MB\)](#)

Additional information: full citation abstract references index terms

7 Functional representations: Generative 3D models: a key to more information within less bandwidth at higher quality

Rene Beinut, Dieter W. Fellner, Sven Havemann

March 2005 **Proceedings of the tenth International conference on 3D Web technology**

Internet



Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Discuss

Windows

Go

http://portal.acm.org/results.cfm?coll=ACM&di=ACM&CFID=50720224&CFTOKEN=33441059



Search: The ACM Digital Library The Guide

scanner cropped borders

Feedback Report a problem Satisfaction survey

Terms used: scanner cropped borders

Found 244 of 160372

Sort results by relevance

Save results to a Binder

Try an Advanced Search

Display results expanded form

Search Tips

Try this search in The ACM Guide

Open results in a new window

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10 next

Relevance scale

Best 200 shown

1 Document analysis: Digital capture for automated scanner workflows

Steven J. Simske, Scott C. Baggs

October 2004 Proceedings of the 2004 ACM symposium on Document engineering

Full text available: [PDF \(1.05 MB\)](#)

Additional information: full citation abstract references index terms

The use of scanners and other capture devices to incorporate film- and paper-based materials into digital workflows is an important part of "digital convergence", or the bringing of paper-based and electronic documents together into the same electronic workflows. The diversity of captured information-from text and mixed-type documents to photos, negatives, slides and transparencies-requires a combination of document analysis techniques to perform, automatically, the segmentation, classification ...

Keywords: classification, negatives, photos, scanning, segmentation, slides, user interface, zoning

2 Poster: A single-sensor hand geometry and palmprint verification system

Michael Goh Kah Ong, Tee Connie, Andrew Teoh Beng Jin, David Ngo Chek Ling

November 2003 Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications

Full text available: [PDF \(373.55 KB\)](#)

Additional information: full citation abstract references index terms

Several contributions have shown that fusion of decisions or scores obtained from various single-modal biometrics verification systems often enhances the overall system performance. A recent approach of multimodal biometric systems with the use of single sensor has received significant attention among researchers. In this paper, a combination of hand geometry and palmprint verification system is being developed. This system uses a scanner as sole sensor to obtain the hands images. First, the han ...

Keywords: fusion, hand geometry, multimodal biometric, palmprint

3 Editing and authoring: User directed analysis of scanned images

Steven J. Simske, Jordi Arnabat

November 2003 Proceedings of the 2003 ACM symposium on Document engineering

Full text available: [PDF \(2.34 MB\)](#)

Additional information: full citation abstract references index terms

Digital capture (scanning in all its forms, and digital photography/video recording), in providing virtually free temporary memory of captured information, allows users to "over-gather" information during capture, and then to discard unwanted material later. For cameras and video recorders, such editing largely consists of discarding images or frames in their entirety. For scanners (and high-resolution camera/video), such editing benefits from a preview capability that provides quick and reliabl ...

Keywords: bottom-up analysis, classification, click and select, preview display, scanning, segmentation, user interface, zoning

4 Is desktop publishing really for every desktop?

Paul Christian

October 1988 Proceedings of the 16th annual ACM SIGUCCS Conference on User Services

Full text available: [PDF \(2.82 MB\)](#)

Additional information: full citation abstract index terms

Because of the proliferation of new hardware and software products aimed at turning all microcomputer users into publishers, editors of newsletters, user documentation, and training materials need to carefully consider the many options available for producing the highest quality product to meet the stated goals of their publications. While there are several distinct advantages to desktop publishing, such as permitting the quick turnaround of near-typeset quality publications, there are many ...

5 Status report of the graphic standards planning committee

Computer Graphics staff

August 1979 ACM SIGGRAPH Computer Graphics, Volume 13, Issue 3

Full text available: [PDF \(15.91 KB\)](#)

Additional Information: full citation references index

6 An interactive system for page layout design

Peter E. Deneris, Ira K. Gershoff

January 1974 Proceedings of the 1974 annual conference

Full text available: [PDF \(1.75 KB\)](#)

Additional information: full citation abstract references index terms

A prototype interactive page layout system is described in which textual and pictorial information can be manipulated under computer control on a scanned color display. The system demonstrates the unique advantages of a scanned display for the showing of both text and illustrations, of details of different fonts, and of color. Text can be edited, positioned, and changed in size, font, and case; pictures can be positioned, shrunk, enlarged, and cropped. The color of both text and pictures ca ...

Keywords: Color graphics, Interactive graphics, Page layout design

7 Design: Cool arts: simple software

Internet

1:01 PM

Results (page 1): scanner-cropped margins - Microsoft Internet Explorer provided by USPTO

File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites History Mail Print Discuss Windows... Go...

http://portal.acm.org/results.cfm?col=ACM&id=ACM&CFID=50720224&CFTOKEN=33441059



Search Full Service Register Lister Service Free 1000
Search: The ACM Digital Library The Guide
scanner-cropped margins

Feedback Report a problem Satisfaction survey

Terms used: scanner-cropped margins

Found 240 of 160,472

Sort results by relevance
Display results expanded form

Save results to a Binder

Search tips

Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

Relevance scale

1 Poster A single-sensor hand geometry and palmprint verification system

Michael Goh Kah Ong, Tee Connie, Andrew Teoh Beng Jin, David Ngo Chek Ling

November 2003 Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications

Full text available: [PDF \(278.05 KB\)](#)

Additional information: full citation abstract references index terms

Several contributions have shown that fusion of decisions or scores obtained from various single-modal biometrics verification systems often enhances the overall system performance. A recent approach of multimodal biometric systems with the use of single sensor has received significant attention among researchers. In this paper, a combination of hand geometry and palmprint verification system is being developed. This system uses a scanner as sole sensor to obtain the hands images. First, the han ...

Keywords: fusion, hand geometry, multimodal biometric, palmprint

2 An interactive system for page layout design

Peter E. Denes, Ira K. Gershoff

January 1974 Proceedings of the 1974 annual conference

Full text available: [PDF \(637.72 KB\)](#)

Additional information: full citation abstract references index terms

A prototype interactive page layout system is described in which textual and pictorial information can be manipulated under computer control on a scanned color display. The system demonstrates the unique advantages of a scanned display for the showing of both text and illustrations, of details of different fonts, and of color. Text can be edited, positioned, and changed in size, font, and case; pictures can be positioned, shrunk, enlarged, and cropped. The color of both text and pictures ca ...

Keywords: Color graphics, Interactive graphics, Page layout design

3 Is desktop publishing ready for every desktop?

Paul Christian

October 1988 Proceedings of the 16th annual ACM SIGUCCS Conference on User Services

Full text available: [PDF \(35.41 KB\)](#)

Additional information: full citation abstract references index terms

Because of the proliferation of new hardware and software products aimed at turning all microcomputer users into publishers, editors of newsletters, user documentation, and training materials need to carefully consider the many options available for producing the highest quality product to meet the stated goals of their publications. While there are several distinct advantages to desktop publishing, such as permitting the quick turnaround of near-typeset quality publications, there are many ...

4 Recognition and posters: Automated annotation of human faces in family albums

Lei Zhang, Longbin Chen, Mingjing Li, Hongjiang Zhang

November 2003 Proceedings of the eleventh ACM international conference on Multimedia

Full text available: [PDF \(242.31 KB\)](#)

Additional information: full citation abstract references index terms

Automatic annotation of photographs is one of the most desirable needs in family photograph management systems. In this paper, we present a learning framework to automate the face annotation in family photograph albums. Firstly, methodologies of content-based image retrieval and face recognition are seamlessly integrated to achieve automated annotation. Secondly, face annotation is formulated in a Bayesian framework, in which the face similarity measure is defined as maximum *a posteriori* ...

Keywords: content-based image retrieval, face annotation, face recognition

5 Visual perception and communication: Image fusion for context enhancement and video surveillance

Ramesh Raskar, Adrian Ilie, Jingyi Yu

June 2004 Proceedings of the 3rd international symposium on Non-photorealistic animation and rendering

Full text available: [PDF \(1.61 MB\)](#)

Additional information: full citation abstract references index terms

We present a class of image fusion techniques to automatically combine images of a scene captured under different illumination. Beyond providing digital tools for artists for creating surrealist images and videos, the methods can also be used for practical applications. For example, the non-realistic appearance can be used to enhance the context of nighttime traffic videos so that they are easier to understand. The context is automatically captured from a fixed camera and inserted from a day-tim ...

Keywords: gradient domain approach, image fusion, surrealism

6 Document analysis: Digital capture for automated scanner workflows

Steven J. Simske, Scott C. Baggs

October 2004 Proceedings of the 2004 ACM symposium on Document engineering

Full text available: [PDF \(1.05 MB\)](#)

Additional information: full citation abstract references index terms

The use of scanners and other capture devices to incorporate film- and paper-based materials into digital workflows is an important part of "digital convergence", or the bringing of paper-based and electronic documents together into the same electronic workflows. The diversity of captured information-from text and mixed-type documents to photos, negatives, slides and transparencies-requires a

Internet



Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Discuss

Windows

http://portal.acm.org/results.cfm?coll=ACM&id=ACM&CFID=50720224&CFTOKEN=33441059



Back Stop Refresh Home Search Favorites History Mail Print Discuss Windows Go http://portal.acm.org/results.cfm?coll=ACM&di=ACMS&CFID=50720224&CFTOKEN=33441059

PORTAL USPTO

Search: The ACM Digital Library The Guide
scanner noise border

Feedback Report a problem Satisfaction survey

Terms used: scanner noise border

Sort results by relevance Save results to a Binder Try an Advanced Search
Display results expanded form Search Tips Try this search in The ACM Guide
 Open results in a new window

Results 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172

1 Multimedia and visualization (MV). A new algorithm for removing noisy borders from monochromatic documents
Bruno Tenório Ávila, Rafael Dueire Lins
March 2004 Proceedings of the 2004 ACM symposium on Applied computing
Full text available: [pdf \(1.18 MB\)](#) Additional information: full citation, abstract, references, index terms
This paper presents a new and efficient algorithm for removing noisy borders in monochromatic images of documents introduced by the digitalisation process using automatically fed scanners.

Keywords: binary images, border removal, document image analysis

2 A sketch approach to automatic solution of jigsaw puzzles
David Goldberg, Christopher Malon, Marshall Bern
June 2002 Proceedings of the eighteenth annual symposium on Computational geometry
Full text available: [pdf \(3.77 MB\)](#) Additional information: full citation, abstract, references, index terms
We present a new algorithm for automatically solving jigsaw puzzles by shape alone. The algorithm can solve more difficult puzzles than could be solved before, without the use of backtracking or branch-and-bound. The algorithm can handle puzzles in which pieces border more than four neighbors, and puzzles with as many as 200 pieces. Our overall strategy follows that of previous algorithms but applies a number of new ideas, such as robust fiducial points, "highest-confidence-first" search, and f ...

Keywords: fiducial points, mesh smoothing, shape matching

3 Non-iterative feature preserving mesh smoothing
Thouis R. Jones, Frédéric Durand, Mathieu Desbrun
July 2003 ACM Transactions on Graphics (TOG), Volume 22 Issue 3
Full text available: [pdf \(3.01 MB\)](#) Additional information: full citation, abstract, references, index terms
With the increasing use of geometry scanners to create 3D models, there is a rising need for fast and robust mesh smoothing to remove inevitable noise in the measurements. While most previous work has favored diffusion-based iterative techniques for feature-preserving smoothing, we propose a radically different approach, based on robust statistics and local first-order predictors of the surface. The robustness of our local estimates allows us to derive a non-iterative feature-preserving f ...

Keywords: anisotropic diffusion, bilateral filtering, mesh fairing, mesh processing, mesh smoothing, robust estimation

4 One-Pass Complexity of Digital Picture Processing
Stanley M. Seikow
April 1972 Journal of the ACM (JACM), Volume 19 Issue 2
Full text available: [pdf \(373.59 KB\)](#) Additional information: full citation, references, citations, index terms

5 Document analysis: Digital capture for automated scanner workflows
Steven J. Simske, Scott C. Baggs
October 2004 Proceedings of the 2004 ACM symposium on Document engineering
Full text available: [pdf \(1.05 MB\)](#) Additional information: full citation, abstract, references, index terms
The use of scanners and other capture devices to incorporate film- and paper-based materials into digital workflows is an important part of "digital convergence", or the bringing of paper-based and electronic documents together into the same electronic workflows. The diversity of captured information—from text and mixed-type documents to photos, negatives, slides and transparencies—requires a combination of document analysis techniques to perform, automatically, the segmentation, classification, ...

Keywords: classification, negatives, photos, scanning, segmentation, slides, user interface, zoning

6 Model-based object recognition in dense-range images—a review
Farshid Arman, J. K. Aggarwal
March 1993 ACM Computing Surveys (CSUR), Volume 25 Issue 1
Full text available: [pdf \(3.12 MB\)](#) Additional information: full citation, abstract, references, citations, index terms, review
The goal in computer vision systems is to analyze data collected from the environment and derive an interpretation to complete a specified task. Vision system tasks may be divided into data acquisition, low-level processing, representation, model construction, and matching subtasks. This paper presents a comprehensive survey of model-based vision systems using dense-range images. A comprehensive survey of the recent publications in each subtask pertaining to dense-range image object recogni ...

Keywords: 3D object recognition, 3D representations, CAD-based vision, dense-range images, image understanding

Search Results

Results for "(scanned remove border)<in></in>metadata"

Your search matched 0 documents.

A maximum of 100 results are displayed. 25 is a page, sorted by Relevance in Descending order.

[Advanced Search](#)[View Session History](#)[New Search](#)[Journals](#)[IEEE Journal or Magazine](#)[IEE Journal or Magazine](#)[IEEE Conference Proceeding](#)[IEE Conference Proceeding](#)[IEEE Standard](#)

Advanced Search

(scanned remove border)<in></in>metadata

[Email](#) [Print](#) Check to search only within this results set Citation Citation & Abstract

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© 2000-2009 IEEE - All Rights Reserved

Search Results

Results for "scanner noise border<in>metadata"

Your search matched 0 documents.

A maximum of 100 results are displayed. 25 in a page, sorted by Relevance or Descending order.

[View Session History](#)[New Search](#)

Category	Count
IEEE Journals	IEEE journal or Magazine
IEEE Journals	IEEE journal or Magazine
IEEE Proceedings	IEEE Conference Proceeding
IEEE Proceedings	IEEE Conference Proceeding
IEEE Standards	IEEE Standard

[Advanced Search](#)[Email](#) [RSS feed](#) Check to search only within this results set.Display Format: Citation Citation & Abstract

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© 2000-2009 IEEE. All Rights Reserved.

Search Results

Results for "scanner noisy border<in>metafile"

Your search matched 0 documents.

A maximum of 100 results are displayed. 25 to a page, sorted by Relevance in Descending order.

[Search Results](#)[View Session History](#)[IEEE Search](#)[Search](#)[IEEE Journal or Magazine](#)[IEEE Journal or Magazine](#)[IEEE Conference Proceeding](#)[IEEE Conference Proceeding](#)[IEEE Standard](#)[Advanced Search](#)[\(scanner noisy border<in>metafile\)](#)[Demand Review](#) Check to search only within this results setSearch Format: Citation Citation & Abstract

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© 1995-2013 IEEE. All Rights Reserved.

Search

6

11

[About Safan](#) | [Terms of Service](#) | [Privacy Policy](#) | [Contact Us](#) | [Help](#) | [Submit a Problem](#) | [FSA Committee](#)

Copyright © 2002 Safari Tech Books Online. All rights reserved.

73 Arlington Street, Floor 3
Boston, MA 02116
• 617-227-7250

*This is a listing of the search terms used.

WDH

8/14/05



Web

Results 1 - 10 of about 17,000 for scanner plurality images common area (0.54 seconds)

Tip: Looking for pictures? Try [Google Images](#)

Patent 4333145: Method of high resolution partial area scan

... the common area within the angle of the beam at different positions of the ...
... (c) acquiring from said signals of said array of detectors a plurality of ...

www.freepatentsonline.com/4333145.html [Similar pages]



Patent 4438459: Multiplex photocopier system with portable scanner

1 a portable optical hand scanner unit 100 or "camera" disposed over the pages of a ...
... in a common area alongside each other as in the embodiment of FIG. ...
www.freepatentsonline.com/4438459.html [Similar pages]

[More results from www.freepatentsonline.com]

Where the object is a character, word, or text - Patent Storm

More specifically, the image data of a document read by a scanner is displayed

... and apparatus for processing a plurality of designated areas of an image ...

www.patentstorm.us/class/360/251 Where the object is a character, word, or text.htm - 23k - Cached - Similar pages

DIGITAL PATTERN READING TYPE CONVERTER - Patent Storm

... a plurality of first electrical contacts disposed at a common radius and a ...

... A hand-held image scanner can scan an object larger than the scanner ...

www.patentstorm.us/class/341/1 DIGITAL_PATTERN_READING_TYPE_CONVERTER.htm - 14k - Cached - Similar pages

[More results from www.patentstorm.us]

EP55366 IBM european software patent - System for remotely ...

... display system and a plurality of non-overlapping sensors receiving images

alike in perspective ... flying spot scanner means for scanning said area and ...

www.wipo.int/epo/PatentView/EP055366.html - 42k - Cached - Similar pages

EP1182503 Eastman european software patent - A kit for use in ...

A kit for organizing a plurality of images provided on a plurality of ...

organize a plurality of digital images that have been scanned by a digital scanner ...

www.wipo.int/epo/PatentView/EP1182503.html - 53k - Cached - Similar pages

[More results from www.wipo.int/epo]

Xerographic system employing waveguide addressing and modulating

System for imaging includes light sensitive surface, a plurality of ... ones of

the individual electrodes responsive to non-image areas of the original so ...

www.freepatentsonline.com/0945985.html - 43k - Cached - Similar pages

United States Patent Application: 0040122811

A plurality of computers and web page servers communicatively coupled ...

printed media 310 is converted into an electronic image 340 by scanner 320, ...

[www.uspto.gov/.../20040122811.html](http://uspto.gov/.../20040122811.html) - 84k - Aug 12, 2005 - Cached - Similar pages

Computer software product and method for organizing and ...

A method of manipulating a plurality of images captured in a variety of different

... An automatic scanner such as described in co-pending US Ser. No. ...

www.freepatentsonline.com/6073336.html - 30k - Cached - Similar pages

witts.org

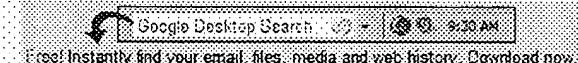
In one common application, patients are given glucose with position emitters ...

attached, ... the PET scanner may produce 3-dimensional images that reflect a ...

www.witts.org/diagnostic_7.asp#5/diagn_features.htm - 24k - Cached - Similar pages



Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)



scanner plurality images common are Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Disclassified?](#) [Help us improve](#)

[Google Home](#) | [Advertising Programs](#) | [Business Solutions](#) | [About Google](#)

©2005 Google



Web

Results 1 - 10 of about 6,500,000 for **scanner images common area** (0.45 seconds)

Tip: Looking for pictures? Try [Google Images](#)

Scanning

Tray is the name of a **common scanner interface** found in an Acquire menu ... The get a preview image, use the mouse and cursor to select the **scanning area** ...

www.cctc.edu/teach/mcourse/scanning.html · 12k · Cached · Similar pages

CUNY 7317: The Visual Representation of Information

Most scanners have are able to scan and produce images in three different levels of color ...

To do this, point at one corner of the area you want to scan ...

www.cuny.edu/names/cuny7317/students/scanning/directions.html · 17k

Cached · Similar pages

Never used a **scanner** before?

You can mark the entire photo area, or can crop the image to be scanned, by marking only a part of it, or perhaps just a 1-inch square area from it ...

www.scantech.com/begin.html · 16k · Cached · Similar pages

Scanning Images

... auto sharpening, greater dynamic range, and large image scanning areas. Handheld scanners, which come in a variety of shapes, capture images when the ...

www.Cham.ac.uk/English/Digital_Content/

Capture.Collections/Sub_sections/cap_scanning/Images.html · 27k

Cached · Similar pages

Scanning Images

Basic Image Scanning, in both Adobe Photoshop and Paint Shop Pro ... the actual scanned image size. It allows for a closer view of an area before scanning ...

www.dantz.com/academy/tutorials/procedures/scanning/scanning.html · 31k

Cached · Similar pages

Ulead Learning Center - General Web Info - Scanning Tips

Once you **scan** an image into your **image editor**, it's likely to need some minor ... One of the most common areas that require adjustment is **image brightness** ...

www.ulead.com/learning/guide6/page3.html · 12k · Cached · Similar pages

General Image Scanner Guidelines & Techniques

People often ask how to create effective graphics images using a scanner. ... Find another area on the image with the same color/texture to use to overwrite ...

colormate.com/scanner.php · 20k · Cached · Similar pages

Patent 4333145: Method of high resolution partial **area scan** ...

... subjecting the entire scan circle to radiation, the **common area** within ... However, for purposes of a partial **area scan**, the beam is collimated to an ...

www.freepatentsonline.com/4333145.html · 16k · Similar pages

Image Scanning: Help and Learning | Electronic Information Services

The HP scanning softwares makes scanning images or text easy. You can make a number of decisions ... Select the area for the final scan with the mouse ...

www.vipsoft.com/help/documentation/usingscan.php · 20k · Cached · Similar pages

TASI - Advice | Creating Digital Images | Scanners

Scanners are the most common digital capture device, their purpose being to ... around bright highlights in the scanned image, especially in dark areas ...

www.tasi.ac.uk/advice/scanning/scanners.html · 44k · Cached · Similar pages

Sponsored Links

Photo Scanning Service

Photos & Slides to CD/DVD
Sizzling Hot Summer Sale 25% Off
www.mymemorycardssaving.com

Image scanner Prices

Find the Cheapest Prices for
Electronics and Computers
www.nextag.com

Image Scanner Products

Compare Prices, Read Reviews & More
Find the Lowest Prices at Smarter
www.smarter.com

Digital Scanning Services

Photos - Slides - Negatives
Customized DVD Slideshows
www.memoriesreviewed.com

Image Scanners

Find, compare and buy Scanners!
Simply Fast Savings
www.Shopping.com

photos on dvd

We transfer your photos on DVD.
You will enjoy watching your photos
www.photosondvd.com

Common Area

Free Common Area info
from the Law Encyclopedia
www.TheLawEncyclopedia.com

All the Scanners

All the Scanners, All the Savings!
Smart Scanner Shoppers Start Here
AllScanners.AlltheDeals.com

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Google Desktop Search 1.2 · [Get it now!](#)

Free instantly find your email, files, media and web history. Download now.

scanner images common area Search

[Search within results](#) | [Language Tools](#) | [Search tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) · [Advertising Programs](#) · [Business Solutions](#) · [About Google](#)

©2005 Google



Search

Advanced Search

Preferences

Web

Results 1 - 10 of about 735,000 for **scanner images remove border** (0.32 seconds)

Tip: Looking for pictures? Try [Google Images](#)

HP 5200 Scanner with PrecisionScan

A look at the HP 5200 PrecisionScan scanning software. ... This menu can remove it or change its type. If scanning a single photograph, there will be only ...

www.scantips.com/hp5200.html - 6k - Cached - Similar pages

CCU Library - Canon Microform Reader Tutorial

Remove Border: If your scanned image has a border around it (example: dark areas around the image with no text or graphics), then clicking on this button ...

library.ccu.university.edu/Default.aspx?tabid=335 - 41k - Cached - Similar pages

Scanning Images

Using the HP PrecisionScan Pro software, you can preview **scanned images** and make

... To Remove the Selection Border. Do one of the following: 1. Press ESC ...

w3.csuchico.edu/~anestis/dsccy/scanning_images.htm - 22k - Cached - Similar pages

Scanning in College Computer Rooms, Information Systems Services ...

A colour code indicates the window type: text zones have a yellow border, ...

Your new scanned image opens as untitled in the Imaging window ...

iservices.tcd.ie/facilities/scanning.php - 18k - Cached - Similar pages

The Linux Cookbook: Tips and Techniques for Everyday Use ...

Use scanimage to scan an image. Most scanners let you specify the x and y values

in pixels. ... PhotoCD Haze: Removing the "haze" from a PhotoCD image. ...

lnt.org/cookbook/cookbook_34.htm - 18k - Cached - Similar pages

Kodak Support: Legacy KF: Hardware Application Notes

Bell & Howell Copiscan II Black Border Removal and Image Adjustment for ImageControls

... The image shifting on the Bell & Howell scanners are configurable ...

www.kodak.com/support/KF/CHW/appnotes.asp - 20k - Cached - Similar pages

Photoshop Editing Guide

When scanning any thin pages, image or words on the back usually gets scanned

... The trick for removing these types of borders is actually pretty simple ...

systems.movies-edited.com/36k.html - 36k - Cached - Similar pages

chicagomediaworks.com - Digital Imaging | Retouching Guidelines

The gamma of your image can be changed. Our high end scanners allow you to set

... Set THRESHOLD and RADIUS just high enough to remove the offending spots. ...

www.chicagomediaworks.com/retouchworks/3digital/digitalimagingretouch.html - 31k - Cached - Similar pages

Web Design Tips - Scanning images for the web

Learn how to scan images for the web to achieve the best quality ... with HTML

border set to 3, 72 dpi, photograph scan. Photographic images should be saved ...

www.cyberinkdesign.com/response/scanning.htm - 13k - Cached - Similar pages

RecognForm - Black Border Removal Library

... the automatic black border detection and removal in monochrome or grayscale

images. The black border is produced in the images acquired by scanners when ...

www.recognform.com/black-border-remove.htm - 1k - Cached - Similar pages

Google ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Please! Get the Google Toolbar. Download Now! About Toolbar

[Get Toolbar](#) [Search](#) [23,577 blocked](#) [Check](#) [Autolink](#) [Aukora](#)

scanner images remove border

[Search within results](#) | [Language Tools](#) | [Search tips](#) | [Disclassified?](#) [Help us improve](#)

[Google Home](#) | [Advertising Programs](#) | [Business Solutions](#) | [About Google](#)

©2005 Google



Web Images Groups News Flickr Local more»

scanner images cropped border

Search Advanced Search

Preferences

Web

Results 1 - 10 of about 50,200 for **scanner images cropped border** (0.22 seconds)

Tip: Looking for pictures? Try [Google Images](#)

[Quality Photo and Film Scanning service! 35mm Slide Scanning ...](#)

Image File Type : We save your scanned Image to one of three file types: JPEG
... When ordering, please choose between "Full Frame" and "Cropped Border" ...
www.coloredphotobooths.com/scanning.htm - 63K - Cached - Similar pages

[Shutterfly Help](#)

A: Cropped pictures result from the fact that our system automatically crops
images to make sure ... Q: Can I order prints from scanned images or pictures? ...
www.shutterfly.com/help/printsize_is.aspx - 23K - Cached - Similar pages

[Scanning Graphics](#)

Note: The instructions below use DeskScan II for scanning images. Find the Windows
95 Desktop ... Notice that the border of the cropped image blinks ...
www.csit.ncc.edu/English/computer_tutorial/scan.htm - 6K - Cached - Similar pages

[Scanning, Viewing and Printing for Large and Long Documents](#)

Save to TIFF... when documents are stitched, cropped, edited as desired. LE SE
and NE Versions ... I have a NeuraScanner and need to view the images I scan ...
www.neurascanner.com/products/neuraview/ - 17K - Cached - Similar pages

[Canon CanoScan LiDE 30 Flatted Scanner Reviews at DealTime.co.uk](#)

If you want a small, cheap scanner with decent resolution, it's an ok bargain
... cropped. Whatever image analysis is built into this scanner's software, ...
www.dealtim.co.uk/Z/R_Canon_CanoScan_LiDE_30-RG-113479028366 - 29K - Cached - Similar pages

[Scanning Photographs and Images](#)

If you are scanning single images at a time, you can lift the scanner lid and place
... Now, go to IMAGE, then CROP, and your new cropped image will appear ...
www.library.georgetown.edu/tech/guide/scanningphotos/ - 24K - Cached - Similar pages

[How The Desktop View](#)

... Form Microsoft Word 2000 View as HTML
... photo border provided with your software to feed photos through the scanner.
... Images can also be cropped while in Adobe Acrobat (see paragraph 9) ...
www.acf.army.mil/mv/cdsmgt/admin/VS/2003Scanning.doc - 20K - Cached - Similar pages

[Creating Compelling Still Images from Digital Video](#)

Few of your scanned images will exactly match the NTSC or PAL screen sizes or 4:3
... During scanning, you should have cropped out any extraneous borders or ...
www.publishing.com/articles/article.asp?id=36720§ionid=4 - 28K - Cached - Similar pages

[Compare Prices and Read Reviews on Canon CanoScan LiDE 30 Flatted ...](#)

I started to notice that the scanner was identifying the borders of some ...
I did not use the bundled image editor. I use the scanner with Adobe Photoshop ...
www.opinions.com/content/113479028366 - 23K - Cached - Similar pages

[Unique Services: Film Scanning and Recording Services](#)

The scanned image is not to the same scale as the output image. We have scanned
several ... This would result in an image on film having unexposed borders ...
www.filmscan.com/~Tish/icon_serv_06.html - 28K - Cached - Similar pages

Google ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Free! Get the Google Toolbar. [Download now!](#) [About Toolbar](#)

Google [\(3\) 377 blocked](#) [Check](#) [Autolink](#) [AutoFill](#)

scanner images cropped border

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) | [Help us improve](#)

[Google Home](#) | [Advertising Programs](#) | [Business Solutions](#) | [About Google](#)

©2005 Google

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.